


<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE <b>R</b>		PAGE OF PAGES <b>1   7</b>	
2. AMENDMENT/MODIFICATION NO. <b>03</b>		3. EFFECTIVE DATE <b>12-Sep-2011</b>		4. REQUISITION/PURCHASE REQ. NO. ACQR1683152		5. PROJECT NO.(If applicable)	
6. ISSUED BY SPECIALTY CENTER ACQUISITIONS NAVFAC CODE AQ00 NAVAL BASE VENTURA COUNTY 1100 23RD AVE BLDG 1100 PORT HUENEME CA 93043-4347		CODE <b>N62583</b>		7. ADMINISTERED BY (If other than item 6)  <b>See Item 6</b>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) BATTELLE MEMORIAL INSTITUTE RALPH K. HENRICKS 505 KING AVENUE COLUMBUS OH 43201-2693				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				X 10A. MOD. OF CONTRACT/ORDER NO. N62473-07-D-4013-0076			
				X 10B. DATED (SEE ITEM 13) 29-Sep-2010			
CODE <b>79986</b>		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Schedule</b>							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(a)(3) Mutual Agreement by Both Parties							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: <b>ssw eac115318</b>  <b>SUBJ: N62473-07-D-4013, TASK ORDER 0076, LOW LEVEL RADIOLOGICAL WASTE (Ra-226) GENERATION EVALUATION VARIOUS BRAC ACTIVITIES</b>  Description of this modification begins on Page 2.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) ELIZABETH A. CORDER / CONTRACT SPECIALIST TEL: 805-982-4012 EMAIL: elizabeth.corder@navy.mil			
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY <i>Elizabeth A. Corder</i> (Signature of Contracting Officer)		16C. DATE SIGNED  12-Sep-2011	

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Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print) <b>Ules P. Jackson, Contracting Officer</b>				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) TEL: EMAIL:			
15B. CONTRACTOR/OFFEROR Digitally signed by Ules P. Jackson Date: 2011.09.12 20:21:28 -04'00 		15C. DATE SIGNED <b>09-12-11</b>		16B. UNITED STATES OF AMERICA BY _____		16C. DATE SIGNED	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

A. In accordance with contract clause 52.243-2 Alt II “Changes--Cost Reimbursement (Aug 1987) - Alternate II APR 1984”, as negotiated between the Contractor and the Government, the Contractor is hereby directed to provide all labor, materials, equipment, supervision, inspection, and related work necessary to perform the following additional work as outlined in the Battelle proposal OPP103981 dated August 24, 2011, Subject: Low Level Radiological Waste (Ra-226) Generation Evaluation Various BRAC Activities – Additional Effort.

**NEW TASKING:** The purpose of this modification is to include additional support as follows:

**LOW LEVEL RADIOLOGICAL WASTE (Ra-226) GENERATION EVALUATION  
VARIOUS BRAC ACTIVITIES – ADDITIONAL EFFORT**

**SECTION 1 – GENERAL****1.1 INTRODUCTION**

The original Scope of Work (SOW) provided for an evaluation of practices at Base Realignment and Closure (BRAC) cleanup sites with regard to generation and disposal of soil/debris containing radium-226 and classified as low level radiological waste (LLRW), soil/debris containing both radium-226 and strontium-90 and classified as LLRW. This modification to the SOW provides for additional discussion with the Navy’s Radiological Affairs Support Office (RASO), the BRAC Program Management Office West, and preparation of an Implementation Plan. This work will be based upon the Hunters Point Basewide Radiological Work Plan and Storm Drain and Sanitary Sewer Line Removal Work Plan documents and accompanying radiological work instructions. The contract will continue to be managed by Naval Facilities Engineering Command, Engineering Service Center, Port Hueneme, California with input from BRAC Program Management Office West and RASO.

**1.2 BACKGROUND**

The Navy is finalizing the Low Level Radiological Waste Evaluation Associated with Various BRAC Activities report. The report includes several recommendations that have the potential to reduce false positives during waste characterization activities, increase efficiency, and reduce the cost of LLRW disposal related to the former use of radium-226 in radioluminescent devices. Additional discussion with RASO and BRAC are necessary to develop an Implementation Plan for recommendations that will be carried forward.

**1.3 OBJECTIVES**

The objectives of this SOW modification are to:

- Participate in discussions with RASO and BRAC Program Management Office West to develop consensus on which recommendations to implement. Most meetings will be by conference call. One meeting will be at the RASO Office at Yorktown Naval Weapons Station, Yorktown, VA.
- Develop an implementation plan that can be used by Navy Contractors to modify Radiological Work Instructions, and other work plan documents.

**SECTION 2 – WORK ELEMENTS****2.1 Work Element 1 – Project Management**

The Contractor shall continue to provide personnel and resources for the management and control of project activities, such as scoping, planning, estimating, executing, tracking, reporting, and closure of the project. This element includes direct management of the project, as well as the support for administrative functions needed for successful project management. This element also includes meetings with Navy personnel to

discuss the approach for completing the Implementation Plan, including any figures, flowcharts, templates, data quality objectives (DQOs) that will be used. The Contractor shall take part in formal discussions with the Navy to outline pros and cons of project recommendations and develop consensus on which recommendations to implement.

## 2.2 Work Element 2 – Data Review

No changes.

## 2.3 Work Element 3 – Cost Analysis

No changes.

## 2.4 Work Element 4 – Reporting

The Contractor shall prepare a draft and final Implementation Plan summarizing the analyses completed and presenting the recommendations that will be implemented. The Implementation Plan shall be written such that it can be used as a tool by Navy Contractors to modify Radiological Work Instructions and work plan documents consistent with the LLRW Evaluation Report's selected recommendations. The implementation plan should at a minimum contain the necessary text, use of checklist, flowcharts, figures and conceptual model examples to achieve the objective. A draft report will be issued for Navy review. Review comments will be provided within 21 days. The Contractor will then incorporate review comments and issue a final report.

## SECTION 3 – PERFORMANCE REQUIREMENTS

Performance Objective	Performance Standard	Acceptable Quality Level	Assessment Method	Incentive	Remedy
Develop					
Draft Implementation Plan (technical content)	Document describes the implementation of technical alternatives such that Navy Contractors can efficiently modify existing radiological work instructions and work plan documents to be consistent with the selected recommendations. Recommendations shall result in: <ul style="list-style-type: none"> <li>• reduced cleanup cost</li> <li>• reduced cleanup time</li> <li>• acceptable cleanup goals by stakeholders</li> <li>• improved strategy</li> </ul>	Recommendations described completely such that the Implementation Plan can be used as a tool and should use necessary text, checklists, flowcharts, figures, conceptual models examples, and DQO (data quality objective) guidance to efficiently modify existing radiological work instructions and work plan documents.	COR and Navy PM will review the data	Meeting or exceeding AQL will result in a 10% award fee rating.	Not meeting AQL during a preliminary review will require specific rework to meet Government goals and objectives. Conduct review meeting to determine concurrence of Navy goals and objectives.
Draft Implementation Plan (presentation quality)	Document is organized, well written and can be comprehended and easily used by the Navy and its Contractors. Document reviewed by an editor and sufficient information to efficiently	Factually accurate and complete with no more than 2 major deficiencies (e.g. missing information) and 5 minor deficiencies (e.g. spelling, format, wrong	COR and Navy PM will review the data	Exceed AQL will allow Contractor to produce Final Report	Not meeting AQL will require Contractor to produce a second draft report and

Performance Objective	Performance Standard	Acceptable Quality Level	Assessment Method	Incentive	Remedy
	modify radiological work instructions and work plan documents. Plan includes <ul style="list-style-type: none"> <li>• background summary</li> <li>• path forward</li> <li>• detailed instructions</li> <li>• example work instructions</li> </ul>	date).			submitting for Government review before proceeding to Final Report.

#### SECTION 4 - DELIVERABLES

- Detailed outline and approach for preparing Implementation Plan
- List of questions and/or additional data needed from the Navy BRAC Coordinator
- Meeting minutes
- Draft and Final Report

#### SECTION 5 – SPECIAL CONDITIONS:

- 5.1 All requirements of the Contract in addition to those specifically mentioned in this delivery order remain in full effect and performance under this delivery shall be in accordance therewith.
- 5.2 Minutes of team meetings shall be submitted to the Navy project manager within **10** calendar days after each meeting.
- 5.3 The Contractor shall ensure that any potentially sensitive data is dealt with in accordance of Navy policy. This should include provisions for handling trade secrets and classified information if applicable.
- 5.4 The Contractor will obtain approval from the Contracting Officer before obtaining photography records, still or motion picture and/or aerial or ground photographs, in accordance with Public Law: 18 U.S. Code 795 and applicable State Regulations. The Government may provide a representative to act in an advisory capacity to prevent unauthorized disclosure of classified information.
- 5.5 The Contractor shall not disclose any data resulting from actions in this Contract to the news media or public. The Contractor shall refer all press or public contacts to the CSO and shall notify the RPM of their actions. The Contractor may not distribute reports or data to any other source, unless specifically authorized by the Public Affairs Officer in accordance with NAVFAC Instruction 5720.1A.

#### SECTION 6 – CONTRACT ADMINISTRATION DATA

##### 6.1 General Information

Location: Various BRAC Bases  
 California  
 Type of funds: BRAC

##### 6.2 Points of Contact:

###### **Project Manager**

Name: Amy Hawkins  
 Mailing Address: Naval Facilities Engineering Command

Engineering Service Center, EV 33  
1100 23rd Avenue  
Port Hueneme, CA 93043  
Phone: (805) 982-4805  
FAX: (805) 982-4304

**BRAC Coordinator**

Name: George Patrick Brooks  
Mailing Address: BRAC Project Management Office  
1455 Frazee Road, Suite 900  
San Diego, CA 92108  
Phone: (619) 532-0953  
FAX: (619) 532-0940

**RASO Coordinator**

Name: Laurie L. Lowman  
Mailing Address: NAVSEADDET RASO  
P.O. Drawer 260, Building 1971  
NWS Yorktown, VA 23691-0260  
Phone: (757) 887-7650  
FAX: (757) 887-3235

**Contracting Officer:**

Name: Elizabeth Corder, SCAN  
Phone: (805) 982-4012  
Email: [Elizabeth.corder@navy.mil](mailto:Elizabeth.corder@navy.mil)

**Contracting Officer's Representative (COR):**

Name: Leah Alejo, NAVFAC ESC  
Phone: (805) 982-1753  
Email: [leah.alejo@navy.mil](mailto:leah.alejo@navy.mil)

**Alternate Contracting Officer's Representative (ACOR):**

Name: Palmer Anderson, NAVFAC ESC  
Phone: (805) 982-1488  
Email: [Palmer.Anderson@navy.mil](mailto:Palmer.Anderson@navy.mil)

**Estimated Cost: \$34,671.00**

B. The estimated amount of excess funding currently remaining on this task order is \$10,500.00 (\$9,546 cost, \$954 fee). As a result of the above, a realignment of costs for this task order is as follows:

Task Order Awarded Amount:	\$ 100,809.00
Estimated Excess Funding:	<u>(\$ 10,500.00)</u>
Task Order Incurred Costs:	\$ 90,309.00
Additional Effort:	<u>\$ 34,671.00</u>
Total Contract Value:	\$ 124,980.00
Total Funded Amount:	<u>\$ 100,809.00</u>
Additional Funding with This Modification:	\$ 24,171.00

C. The previously established contract completion date of 31 October 2011 is hereby extended by four months to 29 February 2012.

D. All other terms and conditions of subject task order remain unchanged.

## SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was increased by \$24,171.00 from \$100,809.00 to \$124,980.00.

## SECTION B - SUPPLIES OR SERVICES AND PRICES

The estimated/max cost has increased by \$22,002.00 from \$91,682.00 to \$113,684.00.

The award fee has increased by \$2,169.00 from \$9,127.00 to \$11,296.00.

The total cost of this line item has increased by \$24,171.00 from \$100,809.00 to \$124,980.00.

SUBCLIN 000503 is added as follows:

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
000503	FUND ACRN AC CPAF Funding Doc. No.: N6921811RCT0141 Customer ACRN:AA FOB: Destination MILSTRIP: N6921811RCT0141	UNDEFINED		UNDEFINED	\$0.00
				MAX COST	UNDEFINED
				BASE FEE	UNDEFINED
				SUBTOTAL MAX COST + BASE	\$0.00
				MAX AWARD FEE	UNDEFINED
				TOTAL MAX COST + FEE	\$0.00
				ACRN AC	\$24,171.00
				CIN: 00000000000000000000000000000000	

## SECTION F - DELIVERIES OR PERFORMANCE

The following Delivery Schedule item for CLIN 0005 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 29-SEP-2010 TO 31-OCT-2011	N/A	N/A FOB: Destination	

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 29-SEP-2010 TO 29-FEB-2012	N/A	N/A FOB: Destination	

SECTION G - CONTRACT ADMINISTRATION DATA

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$24,171.00 from \$100,809.00 to \$124,980.00.

SUBCLIN 000503:

Funding on SUBCLIN 000503 is initiated as follows:

ACRN: AC

CIN: 00000000000000000000000000000000

Acctng Data: 97X4930 NH5A 000 77777 0 068894 2F 000000

Increase: \$24,171.00

Total: \$24,171.00

Cost Code: 00011RCT0141

(End of Summary of Changes)